

#9152
3-23-01

1621

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/423,516

DATE: 03/14/2000
TIME: 16:17:05

Input Set: I423516.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

1 <110> APPLICANT: Imperial Cancer Research Technology Limited
2 <120> TITLE OF INVENTION: Polypeptides and their use in therapy
3 <130> FILE REFERENCE: IMPW/P18999PC
4 <140> CURRENT APPLICATION NUMBER: US/09/423,516
5 <141> CURRENT FILING DATE: 2000-02-10
6 <160> NUMBER OF SEQ ID NOS: 2
7 <170> SOFTWARE: PatentIn Ver. 2.0
8 <210> SEQ ID NO 1
9 <211> LENGTH: 49
10 <212> TYPE: DNA
11 <213> ORGANISM: Artificial Sequence
12 <220> FEATURE:
13 <223> OTHER INFORMATION: Description of Artificial Sequence: double stranded
14 oligonucleotide
15 <400> SEQUENCE: 1
16 cacagtccagg acatcatcat catcatcatt aaggatcctc tagaggtac 49
17 <210> SEQ ID NO 2
18 <211> LENGTH: 728
19 <212> TYPE: PRT
20 <213> ORGANISM: h. sapiens
21 <400> SEQUENCE: 2
22 Met Trp Val Thr Lys Leu Leu Pro Ala Leu Leu Gln His Val Leu
23 1 5 10 15
24 Leu His Leu Leu Leu Pro Ile Ala Ile Pro Tyr Ala Glu Gly Gln
25 20 25 30
26 Arg Lys Arg Arg Asn Thr Ile His Glu Phe Lys Lys Ser Ala Lys Thr
27 35 40 45
28 Thr Leu Ile Lys Ile Asp Pro Ala Leu Lys Ile Lys Thr Lys Lys Val
29 50 55 60
30 Asn Thr Ala Asp Gln Cys Ala Asn Arg Cys Thr Arg Asn Lys Gly Leu
31 65 70 75 80
32 Pro Phe Thr Cys Lys Ala Phe Val Phe Asp Lys Ala Arg Lys Gln Cys
33 85 90 95
34 Leu Trp Phe Pro Phe Asn Ser Met Ser Ser Gly Val Lys Lys Glu Phe
35 100 105 110
36 Gly His Glu Phe Asp Leu Tyr Glu Asn Lys Asp Tyr Ile Arg Asn Cys
37 115 120 125
38 Ile Ile Gly Lys Gly Arg Ser Tyr Lys Gly Thr Val Ser Ile Thr Lys
39 130 135 140
40 Ser Gly Ile Lys Cys Gln Pro Trp Ser Ser Met Ile Pro His Glu His
41 145 150 155 160
42 Ser Phe Leu Pro Ser Ser Tyr Arg Gly Lys Asp Leu Gln Glu Asn Tyr
43 165 170 175
44 Cys Arg Asn Pro Arg Gly Glu Gly Pro Trp Cys Phe Thr Ser

RECEIVED
MAR 05 2001
TECH CENTER 1800/2300

RECEIVED
MAY 05 2001
TECH CENTER 1800/2300

RECEIVED
MAY 21 2001
TECH CENTER 1800/2300

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/423,516DATE: 03/14/2000
TIME: 16:17:05

Input Set: I423516.RAW

45	180	185	190
46	Asn Pro Glu Val Arg Tyr Glu Val Cys Asp Ile Pro Gln Cys Ser Glu		
47	195	200	205
48	Val Glu Cys Met Thr Cys Asn Gly Glu Ser Tyr Arg Gly Leu Met Asp		
49	210	215	220
50	His Thr Glu Ser Gly Lys Ile Cys Gln Arg Trp Asp His Gln Thr Pro		
51	225	230	235
52	His Arg His Lys Phe Leu Pro Glu Arg Tyr Pro Asp Lys Gly Phe Asp		
53	245	250	255
54	Asp Asn Tyr Cys Arg Asn Pro Asp Gly Gln Pro Arg Pro Trp Cys Tyr		
55	260	265	270
56	Thr Leu Asp Pro His Thr Arg Trp Glu Tyr Cys Ala Ile Lys Thr Cys		
57	275	280	285
58	Ala Asp Asn Thr Met Asn Asp Thr Asp Val Pro Leu Glu Thr Thr Glu		
59	290	295	300
60	Cys Ile Gln Gly Gln Gly Glu Gly Tyr Arg Gly Thr Val Asn Thr Ile		
61	305	310	315
62	Trp Asn Gly Ile Pro Cys Gln Arg Trp Asp Ser Gln Tyr Pro His Glu		
63	325	330	335
64	His Asp Met Thr Pro Glu Asn Phe Lys Cys Lys Asp Leu Arg Glu Asn		
65	340	345	350
66	Tyr Cys Arg Asn Pro Asp Gly Ser Glu Ser Pro Trp Cys Phe Thr Thr		
67	355	360	365
68	Asp Pro Asn Ile Arg Val Gly Tyr Cys Ser Gln Ile Pro Asn Cys Asp		
69	370	375	380
70	Met Ser His Gly Gln Asp Cys Tyr Arg Gly Asn Gly Lys Asn Tyr Met		
71	385	390	395
72	Gly Asn Leu Ser Gln Thr Arg Ser Gly Leu Thr Cys Ser Met Trp Asp		
73	405	410	415
74	Lys Asn Met Glu Asp Leu His Arg His Ile Phe Trp Glu Pro Asp Ala		
75	420	425	430
76	Ser Lys Leu Asn Glu Asn Tyr Cys Arg Asn Pro Asp Asp Asp Ala His		
77	435	440	445
78	Gly Pro Trp Cys Tyr Thr Gly Asn Pro Leu Ile Pro Trp Asp Tyr Cys		
79	450	455	460
80	Pro Ile Ser Arg Cys Glu Gly Asp Thr Thr Pro Thr Ile Val Asn Leu		
81	465	470	475
82	Asp His Pro Val Ile Ser Cys Ala Lys Thr Lys Gln Leu Arg Val Val		
83	485	490	495
84	Asn Gly Ile Pro Thr Arg Thr Asn Ile Gly Trp Met Val Ser Leu Arg		
85	500	505	510
86	Tyr Arg Asn Lys His Ile Cys Gly Gly Ser Leu Ile Lys Glu Ser Trp		
87	515	520	525
88	Val Leu Thr Ala Arg Gln Cys Phe Pro Ser Arg Asp Leu Lys Asp Tyr		
89	530	535	540
90	Glu Ala Trp Leu Gly Ile His Asp Val His Gly Arg Gly Asp Glu Lys		
91	545	550	555
92	Cys Lys Gln Val Leu Asn Val Ser Gln Leu Val Tyr Gly Pro Glu Gly		
93	565	570	575
94	Ser Asp Leu Val Leu Met Lys Leu Ala Arg Pro Ala Val Leu Asp Asp		

RECEIVED
MAR 21 2000

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/423,516DATE: 03/14/2000
TIME: 16:17:05

Input Set: I423516.RAW

95 580 585 590
96 Phe Val Ser Thr Ile Asp Leu Pro Asn Tyr Gly Cys Thr Ile Pro Glu
97 595 600 605
98 Lys Thr Ser Cys Ser Val Tyr Gly Trp Gly Tyr Thr Gly Leu Ile Asn
99 610 615 620
100 Tyr Asp Gly Leu Leu Arg Val Ala His Leu Tyr Ile Met Gly Asn Glu
101 625 630 635 640
102 Lys Cys Ser Gln His His Arg Gly Lys Val Thr Leu Asn Glu Ser Glu
103 645 650 655
104 Ile Cys Ala Gly Ala Glu Lys Ile Gly Ser Gly Pro Cys Glu Gly Asp
105 660 665 670
106 Tyr Gly Gly Pro Leu Val Cys Glu Gln His Lys Met Arg Met Val Leu
107 675 680 685
108 Gly Val Ile Val Pro Gly Arg Gly Cys Ala Ile Pro Asn Arg Pro Gly
109 690 695 700
110 Ile Phe Val Arg Val Ala Tyr Tyr Ala Lys Trp Ile His Lys Ile Ile
111 705 710 715 720
112 Leu Thr Tyr Lys Val Pro Gln Ser
113 725

PAGE: 4

VERIFICATION SUMMARY
PATENT APPLICATION US/09/423,516

DATE: 03/14/2000

TIME: 16:17:05

Input Set: **I423516.RAW**

Line ? Error/Warning

Original Text
